Math. Lib.
Direct

TABLE OF CONTENTS

History: 105, 353.

Foundations: 45, 185, 355, 405.

Algebra: 1, 106, 233, 357, 406, 508.

Abstract algebra: 1, 109, 235, 359, 408, 509.

Theory of groups: 4, 112, 238, 371, 410, 510.

Number theory: 47, 145, 242, 273, 365, 413, 505.

Analysis: 7, 52, 115, 148, 193, 245, 276, 375, 418, 511.

Calculus: 52, 193, 375.

Special problems (inequalities, convex functions, etc.): 7, 115, 148, 245, 276, 418, 511.

Theory of sets, theory of functions of real variables: 8, 194, 277, 376, 419, 512.

Theory of functions of complex variables: 53, 149, 200, 283, 378, 423, 514.

Theory of series: 11, 152, 291, 431, 516.

Fourier series and generalizations, integral transforms: 59, 154, 246, 293, 434, 518.

Polynomials, polynomial approximations: 62, 156, 295, 440, 519.

Special functions: 65, 296, 441.

Differential equations: 13, 117, 157, 203, 297, 381, 442, 520.

Integral equations: 122, 206, 304, 451.

Difference equations, special functional equations: 163, 384.

Functional analysis, ergodic theory: 123, 249, 305, 452.

Calculus of variations: 67, 207, 385, 524.

Theory of probability: 18, 128, 208, 309, 456.

Mathematical statistics: 20, 130, 211, 316, 461.

Mathematical economics: 214, 465.

Mathematical biology: 133, 319.

Topology: 35, 134, 215, 334, 466.

Geometry: 22, 68, 164, 256, 320, 386, 471, 526.

Convex domains, extremal problems, integral geometry: 24, 167, 259, 322, 474, 527.

Algebraic geometry: 26, 70, 169, 322, 390, 476.

Differential geometry: 28, 74, 172, 261, 325, 391, 480, 528.

Numerical and graphical methods: 82, 217, 337, 485.

Relativity: 87, 266, 396, 531.

Mechanics: 38, 89, 139, 223, 267, 340, 490.

Dynamics: 89, 139, 223, 340, 490.

Astronomy: 91, 224, 340, 492.

Hydrodynamics, aerodynamics, acoustics: 38, 92, 140, 225, 342, 495.

Elasticity, plasticity: 40, 141, 229, 267, 350, 501.

Mathematical physics: 96, 177, 269, 398, 532.

Optics, electromagnetic theory: 96, 177, 269, 398, 532.

Quantum mechanics: 100, 180, 271, 404, 536.

Thermodynamics, statistical mechanics: 103, 183, 540.

Bibliographical notes: 44, 104, 352, 504.

Author index: 541.

Subject index: 598.

Transliteration of Russian: 619.

Errata: 620.